

RECEIVED
DEC 18 2000
RECORDED



DECEMBER 12, 2000

PTAS

CHRISTOPHER P. MAIORANA, P.C.
CHRISTOPHER P. MAIORANA
24025 GREATER MACK, SUITE 200
CLAIR SHORES, MICHIGAN 48080

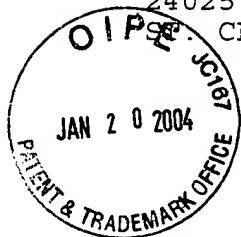


EXHIBIT A
PAGE 1 of 7
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



101495432A

RECEIVED

JAN 26 2004

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT
Technology Center 2100

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/28/2000

REEL/FRAME: 011163/0272
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

CHENG, PAUL LAP TAK

DOC DATE: 09/27/2000

ASSIGNEE:

CHEN, KUANG-YU

DOC DATE: 09/27/2000

ASSIGNEE:

HWANG, FRANK

DOC DATE: 09/27/2000

ASSIGNEE:

CHEN, ERIC

DOC DATE: 09/27/2000

ASSIGNEE:

KIM, HYUNBAE

DOC DATE: 09/27/2000

ASSIGNEE:

CYPRESS SEMICONDUCTOR CORPORATION
3901 NORTH FIRST STREET
SAN JOSE, CALIFORNIA 95134

011163/0272 PAGE 2

SERIAL NUMBER: 09672395
PATENT NUMBER:

FILING DATE: 09/28/2000
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

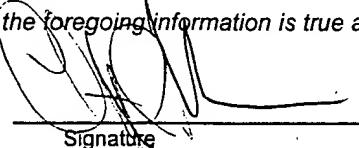
PTO-1595

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Paul Lap Tak Cheng Kuang-Yu Chen, Frank Hwang, Eric Chen and Hyunbae Kim Additional names(s) of conveying party(ies) attached? <input type="checkbox"/> No		2. Name and address of receiving party(ies): Name: <u>Cypress Semiconductor Corporation</u> Internal Address: _____ Street Address: <u>3901 North First Street</u> City: <u>San Jose</u> State: <u>CA</u> ZIP: <u>95134</u> Additional name(s) & address(es) attached? <input type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: <u>September 27, 2000</u>		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <u>September 28, 2000</u>		
A. Patent Application No(s).		B. Patent No(s).
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: CHRISTOPHER P. MAIORANA, P.C. Internal Address: Street Address: 24025 GREATER MACK, SUITE 200 City: ST. CLAIR SHORES State: MI ZIP: 48080		6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account if necessary 8. Deposit Account Number: <u>50-0541</u> (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE		
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
<u>Christopher P. Maiorana</u> Reg. No.: 42,829		 Signature <u>September 28, 2000</u> Date
Total number of pages including cover sheet, attachments, and document: <u>5</u>		

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

Case No. 0325.00370
Page 1 of 2

ASSIGNMENT

In exchange for good and valuable consideration, the receipt of which is hereby acknowledged, we, **PAUL LAP TAK CHENG, KUANG-YU CHEN, FRANK HWANG, HUENG-CHENG ERIC CHEN** and **HYUNBAE KIM**, hereby sell, assign and transfer to **CYPRESS SEMICONDUCTOR CORPORATION** (hereinafter referred to as "ASSIGNEE"), having a place of business at 3901 N. First Street, San Jose, California 95134, the full and exclusive right title and interest in and to any and all improvements disclosed in the application for United States Patent entitled "**METHOD AND APPARATUS FOR OVERCLOCKING RECOVERY IN A PLL**", filed on _____ and having Serial No. _____, any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof, all rights of priority resulting from the filing of said application, and any and all Letters Patents which issue from said application, together with all claims for damages by reason of past infringement of said patent and with the right to sue for and collect the same;

We hereby authorize and request the Officials of the United States Patent and Trademark Office and of any and all foreign Patent Offices to issue and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of our entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted;

On request, We agree to execute all oaths, declarations, assignments, powers of attorney and other papers related to said application and any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof; communicate to said ASSIGNEE, its successors, assigns and representatives all facts known to me concerning said improvements and the history thereof; and generally do everything possible to assist and aid said ASSIGNEE in obtaining, securing and maintaining patent protection for said improvements and for vesting title to said improvements and any and all applications for and patents on said improvements in said ASSIGNEE, its successors and assigns;

We have made no previous assignment, grant, mortgage, license or other agreement to or with others affecting the rights and property conveyed herein; and

We hereby grant to the firm of **CHRISTOPHER P. MAIORANA, P.C.** located at 24025 Greater Mack, Suite 200, St. Clair Shores, Michigan 48080, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Paul L. Cheng
Signature of First Joint Inventor

Date: 9/27/00

Paul Lap Tak Cheng
Name of First Joint Inventor

Signature of Second Joint Inventor

Date: _____

Kuang-Yu Chen
Name of Second Joint Inventor

Case No.0325.00370
Page 1 of 2

ASSIGNMENT

In exchange for good and valuable consideration, the receipt of which is hereby acknowledged, we, **PAUL LAP TAK CHENG, KUANG-YU CHEN, FRANK HWANG, HUENG-CHENG ERIC CHEN** and **HYUNBAE KIM**, hereby sell, assign and transfer to CYPRESS SEMICONDUCTOR CORPORATION (hereinafter referred to as "ASSIGNEE"), having a place of business at 3901 N. First Street, San Jose, California 95134, the full and exclusive right title and interest in and to any and all improvements disclosed in the application for United States Patent entitled "**METHOD AND APPARATUS FOR OVERCLOCKING RECOVERY IN A PLL**", filed on _____ and having Serial No. _____, any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof, all rights of priority resulting from the filing of said application, and any and all Letters Patents which issue from said application, together with all claims for damages by reason of past infringement of said patent and with the right to sue for and collect the same;

We hereby authorize and request the Officials of the United States Patent and Trademark Office and of any and all foreign Patent Offices to issue and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of our entire right, title and interest in and to the same, for the sole use of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted;

On request, We agree to execute all oaths, declarations, assignments, powers of attorney and other papers related to said application and any and all divisions, reissues, continuations, substitutions, reexaminations, renewals and foreign equivalents thereof; communicate to said ASSIGNEE, its successors, assigns and representatives all facts known to me concerning said improvements and the history thereof; and generally do everything possible to assist and aid said ASSIGNEE in obtaining, securing and maintaining patent protection for said improvements and for vesting title to said improvements and any and all applications for and patents on said improvements in said ASSIGNEE, its successors and assigns;

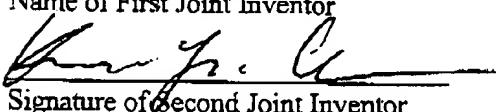
We have made no previous assignment, grant, mortgage, license or other agreement to or with others affecting the rights and property conveyed herein; and

We hereby grant to the firm of **CHRISTOPHER P. MAIORANA, P.C.** located at 24025 Greater Mack, Suite 200, St. Clair Shores, Michigan 48080, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Signature of First Joint Inventor

Date: _____

Paul Lap Tak Cheng
Name of First Joint Inventor



Signature of Second Joint Inventor

Date: 9/27/00

Kuang-Yu Chen
Name of Second Joint Inventor

Case No.0325.00370
Page 2 of 2Frank Hwang
Signature of Third Joint InventorDate: 9/27/00Frank Hwang
Name of Third Joint InventorChen Hueng-Cheng
Signature of Fourth Joint InventorDate: 09/27/00Hueng-Cheng Eric Chen
Name of Fourth Joint InventorH. B. Kim
Signature of Fifth Joint InventorDate: 09/27/00Hyunbae Kim
Name of Fifth Joint Inventor